

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	3517	(detect\$4 and light and pulse and intensity and center and frequenc\$4) and ("600"/\$).ccls.	US-PGPUB; USPAT	OR	ON	2011/12/02 14:00
L4	609	(detect\$4 and light and pulse and intensity and center with frequenc\$4) and ("600"/\$).ccls.	US-PGPUB; USPAT	OR	ON	2011/12/02 14:00
L5	38	(detect\$4 and light and pulse and intensity with center with frequenc\$4) and ("600"/\$).ccls.	US-PGPUB; USPAT	OR	ON	2011/12/02 14:01
S1	1	"20070135695".pn.	US-PGPUB; USPAT	AND	ON	2010/12/08 10:04
S7	1	("6611698").PN.	US-PGPUB; USPAT	AND	ON	2010/12/08 10:17
S8	6	("4281645"   "4586513"   "5566673"   "5678556"   "5710630"   "5747793").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/12/09 11:00
S9	83	("5710630").URPN.	USPAT	AND	ON	2010/12/09 11:01
S10	0	(600/309-344).ccls. and (fiber adj optic) and (photo adj diode ) and (heamoglobin) and position and setting and evaluation and intensity same pulse adj wave and heart adj beat	US-PGPUB; USPAT	AND	ON	2010/12/09 13:16
S11	0	(600/309-344).ccls. and (fiber adj optic) and (photo adj diode ) and position and setting and evaluation and intensity same pulse adj wave and heart adj beat	US-PGPUB; USPAT	AND	ON	2010/12/09 13:16
S12	0	(600/309-344).ccls. and (fiber adj optic) and (photo adj diode ) and position and setting and intensity same pulse adj wave and heart adj beat	US-PGPUB; USPAT	AND	ON	2010/12/09 13:17
S13	0	(600/309-344).ccls. and (fiber adj optic) and (photo adj diode ) and position and setting and intensity same (pulse adj wave) and (heart adj beat)	US-PGPUB; USPAT	AND	ON	2010/12/09 13:17

S14	0	(600/309-344).ccls. and (fiber adj optic) and (photo adj diode ) and position and intensity same (pulse adj wave) and (heart adj beat)	US-PGPUB; USPAT	AND	ON	2010/12/09 13:17
S15	84	(600/309-344).ccls. and (fiber adj optic) and (photo adj diode )	US-PGPUB; USPAT	AND	ON	2010/12/09 13:17
S16	0	(600/309-344).ccls. and (fiber adj optic) and (photo adj diode ) intensity same (pulse adj wave) and (heart adj beat)	US-PGPUB; USPAT	AND	ON	2010/12/09 13:17
S17	78	(600/309-344).ccls. and (fiber adj optic) and (photo adj diode ) intensity	US-PGPUB; USPAT	AND	ON	2010/12/09 13:17
S18	51	(600/309-344).ccls. and (fiber adj optic) and (photo adj diode ) and intensity and pulse	US-PGPUB; USPAT	AND	ON	2010/12/09 13:18
S19	0	(600/309-344).ccls. and (fiber adj optic) and (photo adj diode ) and intensity and pulsewave	US-PGPUB; USPAT	AND	ON	2010/12/09 13:18
S20	30	(600/309-344).ccls. and (fiber adj optic) and (photo adj diode ) and intensity and pulse wave	US-PGPUB; USPAT	AND	ON	2010/12/09 13:18
S21	24	(600/309-344).ccls. and (fiber adj optic) and (photo adj diode ) and intensity and pulse wave and frequency	US-PGPUB; USPAT	AND	ON	2010/12/09 13:18
S22	742	(600/323-324).ccls. and (position\$1 or location\$1 or set\$4) and intensity and pulse	US-PGPUB; USPAT	AND	ON	2010/12/09 16:49
S23	530	(600/323-324).ccls. and (position\$1 or location\$1 or set\$4) and intensity and pulse and frequency	US-PGPUB; USPAT	AND	ON	2010/12/09 16:49
S24	271	(600/323-324).ccls. and (position\$1 or location\$1 or set\$4) and intensity and pulse and frequenc\$3 and (verif\$3 or evaluat\$3)	US-PGPUB; USPAT	AND	ON	2010/12/09 16:51
S25	269	(600/323-324).ccls. and (position\$1 or location\$1 or set\$4) and intensity and pulse and frequenc\$3 and (verif\$3 or evaluat\$3) and detect\$3	US-PGPUB; USPAT	AND	ON	2010/12/09 16:51

S26	134	(600/323-324).ccls. and (position\$1 or location\$1 or set\$4) and intensity and pulse and frequenc\$3 and (verif\$3 or evaluat\$3) and detect\$3 and photodiode	US-PGPUB; USPAT	AND	ON	2010/12/09 16:52
S27	134	(600/323-324).ccls. and (position\$1 or location\$1 or set\$4) and intensity and pulse and frequenc\$3 and (verif\$3 or evaluat\$3) and detect\$3 and photodiode and light	US-PGPUB; USPAT	AND	ON	2010/12/09 16:52
S28	134	(600/323-324).ccls. and (position\$1 or location\$1 or set\$4 or placement) and intensity and pulse and frequenc\$3 and (verif\$3 or evaluat\$3) and detect\$3 and photodiode and light	US-PGPUB; USPAT	AND	ON	2010/12/09 16:52
S29	1	"6611698".pn.	US-PGPUB; USPAT	AND	ON	2010/12/21 13:34
S30	5	(600/310,323,324).ccls. and (600/500-502).ccls. and ((heart adj beat) or (heart adj rate) or (pulse adj rate)) and (perfusion adj index)	US-PGPUB; USPAT	AND	ON	2010/12/29 13:04
S31	0	(600/310,323,324).ccls. and (600/500-502).ccls. and ((heart adj beat) or (heart adj rate) or (pulse adj rate)) and frequenc\$4 and harmonic\$2 and photopleh \$3	US-PGPUB; USPAT	AND	ON	2010/12/29 13:19
S32	0	(600/310,323,324).ccls. and (600/500-502).ccls. and ((heart adj beat) or (heart adj rate) or (pulse adj rate)) and frequenc\$4 and photopleh\$3	US-PGPUB; USPAT	AND	ON	2010/12/29 13:19
S33	80	(600/310,323,324).ccls. and (600/500-502).ccls. and ((heart adj beat) or (heart adj rate) or (pulse adj rate)) and frequenc\$4	US-PGPUB; USPAT	AND	ON	2010/12/29 13:19
S34	11	(600/310,323,324).ccls. and (600/500-502).ccls. and ((heart adj beat) or (heart adj rate) or (pulse adj rate)) and center adj frequenc\$4	US-PGPUB; USPAT	AND	ON	2010/12/29 13:20

S35	7	(600/310,323,324).ccls. and (600/500-502).ccls. and ((heart adj beat) or (heart adj rate) or (pulse adj rate)) and center adj frequenc\$4 and intensit\$3	US-PGPUB; USPAT	AND	ON	2010/12/29 13:22
S36	1	(600/310,323,324).ccls. and (600/500-502).ccls. and center adj frequenc\$4 with intensit\$3	US-PGPUB; USPAT	AND	ON	2010/12/29 13:36
S37	4	(600/310,323,324).ccls. and (600/500-502).ccls. and frequenc\$4 same intensit\$3 same filter	US-PGPUB; USPAT	AND	ON	2010/12/29 13:44
S38	1	(600/310,323,324).ccls. and (600/500-502).ccls. and frequenc\$4 same intensit\$3 same filter and hemoglobin	US-PGPUB; USPAT	AND	ON	2010/12/29 13:45
S39	1	(600/310,323,324).ccls. and (600/500-502).ccls. and frequenc\$4 same intensit\$3 same filter and threshold	US-PGPUB; USPAT	AND	ON	2010/12/29 13:47
S40	1	"6374128".pn.	US-PGPUB; USPAT	AND	ON	2010/12/30 08:57
S41	382	asaka.in.	US-PGPUB; USPAT	AND	ON	2011/05/10 10:43
S42	1	asaka.in. and ("600"/\$).ccls.	US-PGPUB; USPAT	AND	ON	2011/05/10 10:43
S43	63366	hitachi.as.	US-PGPUB; USPAT	AND	ON	2011/05/10 10:46
S44	425	hitachi.as. and ("600"/\$). ccls.	US-PGPUB; USPAT	AND	ON	2011/05/10 10:46
S45	4	hitachi.as. and ("600"/328). ccls.	US-PGPUB; USPAT	AND	ON	2011/05/10 10:46
S46	233	hitachi.as. and ("600"/\$). ccls. and pulse	US-PGPUB; USPAT	AND	ON	2011/05/10 10:51
S47	18	hitachi.as. and ("600"/\$). ccls. and pulse and hemoglobin	US-PGPUB; USPAT	AND	ON	2011/05/10 10:51
S48	15	hitachi.as. and ("600"/\$). ccls. and pulse and hemoglobin and intensity	US-PGPUB; USPAT	AND	ON	2011/05/10 10:52
S49	0	hitachi.as. and ("600"/\$). ccls. and "2000116625"	US-PGPUB; USPAT	AND	ON	2011/05/10 11:03
S50	0	hitachi.as. and ("600"/\$). ccls. and "116625"	US-PGPUB; USPAT	AND	ON	2011/05/10 11:03
S51	405	hitachi.as. and ("600"/\$). ccls. and JP	US-PGPUB; USPAT	AND	ON	2011/05/10 11:03
S52	29	hitachi.as. and ("600"/\$). ccls. and JP with "2000"	US-PGPUB; USPAT	AND	ON	2011/05/10 11:03

S53	0	hitachi.as. and ("600"/\$).ccls. and JP with "2000-116625"	US-PGPUB; USPAT	AND	ON	2011/05/10 11:04
S54	0	hitachi.as. and ("600"/\$).ccls. and JP with "2000-311599"	US-PGPUB; USPAT	AND	ON	2011/05/10 11:04
S55	0	hitachi.as. and ("600"/\$).ccls. and JP with "2002-224092"	US-PGPUB; USPAT	AND	ON	2011/05/10 11:05
S56	0	hitachi.as. and ("600"/\$).ccls. and JP with "2003-135434"	US-PGPUB; USPAT	AND	ON	2011/05/10 11:05
S57	0	2002-224092	US-PGPUB; USPAT	AND	ON	2011/05/10 11:06
S58	9	2002-224092	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/05/10 11:07
S59	3	"6611698".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/05/10 12:17
S60	109	(600/309-340).ccls. and pulse\$4 with rate and signal and perfusion with index	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/05/10 14:43
S61	80	(600/309-340).ccls. and pulse\$4 with rate and signal and perfusion with index and frequenc\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/05/10 14:44
S62	61	(600/309-340).ccls. and pulse\$4 with rate and signal and perfusion with index and frequenc\$4 and threshold\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/05/10 14:53
S63	33	(600/309-340).ccls. and pulse\$4 with rate and signal and perfusion with index and frequenc\$4 and threshold\$4 and (intensity with puls\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/05/10 15:12

S64	3	"6611698".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/05/10 15:21
S65	33	(600/309-340).ccls. and pulse\$4 with rate and signal and perfusion with index and frequenc\$4 and threshold\$4 and (intensity with puls\$4) and signal\$1 with qualit\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/05/10 17:34
S66	5	(600/309-340).ccls. and pulse\$4 with rate and signal and perfusion with index and frequenc\$4 and threshold\$4 and (intensity with puls\$4) and (signal\$1 with qualit\$4 with perfusion with index)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/05/10 17:36
S67	5	(600/309-340).ccls. and pulse\$4 with rate and signal and perfusion with index and frequenc\$4 and threshold\$4 and (intensity with puls\$4) and (signal\$1 with qualit\$4 with perfusion with index) and signal\$1 with qualit\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/05/10 17:38
S68	33	(600/309-340).ccls. and pulse\$4 with rate and signal and perfusion with index and frequenc\$4 and threshold\$4 and (intensity with puls\$4) and signal\$1 with qualit\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/05/10 17:40
S69	8	"10176310"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/11 07:48
S70	5	"10176310" and perfusion and index and quality and intensity	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/11 08:37
S71	0	"10176310".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/11 08:38

S72	1	"10580533" and (pulse adj wave)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/14 17:26
S73	0	frequanc\$4 same intensit\$4 same hemoglobin and fiber	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/14 17:44
S74	129	frequenc\$4 same intensit\$4 same hemoglobin and fiber	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/14 17:45
S75	112	frequenc\$4 same intensit\$4 same hemoglobin and fiber and (filter\$1 extract\$4)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/14 17:46
S76	77	frequenc\$4 same intensit\$4 same hemoglobin and fiber and (filter\$1 extract\$4) and pulse\$1	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/14 17:48
S77	3	"4485820".pn.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/14 18:06
S78	46	frequenc\$4 same intensit\$4 same hemoglobin and fiber and (filter\$1 extract\$4) and ((adequacy evaluation judgment placement) and pulse\$1)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/14 18:26
S79	2	frequenc\$4 same intensit\$4 same hemoglobin and fiber and (filter\$1 extract\$4) and ((adequacy evaluation judgment placement) with fiber\$1) and pulse\$1	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/14 18:27
S80	2	frequenc\$4 same intensit\$4 same hemoglobin and fiber and (filter\$1 extract\$4) and ((adequacy evaluation judgment placement) with (fiber\$1 guide\$1)) and pulse \$1	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/14 18:28

S81	0	("2007/0135695").URPN.	USPAT	OR	OFF	2011/06/14 18:29
S82	50	frequenc\$4 same intensit\$4 same hemoglobin and fiber and (filter\$1 extract\$4) and (adequacy evaluation judgment placement judge evaluate) and pulse\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/14 18:41
S83	78140	intensit\$4 and(adequacy evaluation judgment placement judge evaluate) and pulse\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/14 18:45
S84	78140	intensit\$4 and (adequacy evaluation judgment placement judge evaluate) and pulse\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/14 18:45
S85	1805	intensit\$4 and ((adequacy evaluation judgment placement judge evaluate) with fiber\$1) and pulse\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/14 18:45
S86	2	intensit\$4 and ((adequacy evaluation judgment placement judge evaluate) with fiber\$1) and (pulse\$1 adj wave) and (heartbeat \$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/14 18:51
S87	1	EP04819290	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/14 18:53
S88	0	"6611698".pn. and pulse	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/14 19:16
S89	0	"6611698".pn. and pulse\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/14 19:16

S90	3	"6611698".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/14 19:16
S91	20	("4281645"   "4586513"   "5566673"   "5678556"   "5710630"   "5747793").PN. OR ("6611698").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/14 19:16
S92	18	("4281645"   "4586513"   "5566673"   "5678556"   "5710630"   "5747793").PN. OR ("6611698").URPN. and pulse\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/14 19:17
S93	6	("4281645"   "4586513"   "5566673"   "5678556"   "5710630"   "5747793").PN. OR ("6611698").URPN. and pulse\$1 and frquenc\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/14 19:17
S94	0	("4281645"   "4586513"   "5566673"   "5678556"   "5710630"   "5747793").PN. and ("6611698").URPN. and pulse\$1 and frquenc\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/14 19:18
S95	0	("4281645"   "4586513"   "5566673"   "5678556"   "5710630"   "5747793"   "6611698").PN. and pulse\$1 and frquenc\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/14 19:19
S96	3	("4281645"   "4586513"   "5566673"   "5678556"   "5710630"   "5747793"   "6611698").PN. and pulse\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/14 19:19
S97	10589	yamashita.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/14 19:21
S98	1905	yamashita.in. and pulse\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/14 19:21
S99	0	yamashita.in. and pulse\$1 and frequanc\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/14 19:21
S100	990	yamashita.in. and pulse\$1 and frequenc\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/14 19:21
S101	163	yamashita.in. and pulse\$1 and frequenc\$4 and fiber	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/14 19:21
S102	181	yamashita.in. and pulse\$1 and frequenc\$4 and fiber\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/14 19:21
S103	69	yamashita.in. and pulse\$1 and frequenc\$4 and fiber\$1 and (evaluate judge evaluation judgment placement)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/14 19:22

S104	2	yuichi with yamashita.in. and pulse\$1 and frequenc\$4 and fiber\$1 and (evaluate judge evaluation judgment placement)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/14 19:26
S105	6	yuichi with yamashita.in. and pulse\$1 and frequenc\$4 and fiber\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/14 19:28
S106	78	((perfusion with index ) quality) with signal\$1	US-PGPUB; USPAT	AND	ON	2011/06/16 11:02
S107	75	((perfusion with index ) quality) with signal\$1 and puls\$3	US-PGPUB; USPAT	AND	ON	2011/06/16 11:03
S108	0	((perfusion with index ) quality (intensity near3 (pulse adj wave\$1))) with signal\$1 and puls\$3	US-PGPUB; USPAT	AND	ON	2011/06/16 11:08
S109	0	((perfusion with index ) quality (intensity near3 (pulse adj wave\$1)))	US-PGPUB; USPAT	AND	ON	2011/06/16 11:08
S110	0	((perfusion with index ) quality (intensity with (pulse adj wave\$1)))	US-PGPUB; USPAT	AND	ON	2011/06/16 11:08
S111	1450761	((perfusion with index ) quality (intensity with (pulse adj wave\$1)))	US-PGPUB; USPAT	OR	ON	2011/06/16 11:08
S112	1450614	((perfusion with index ) quality (intensity near3 (pulse adj wave\$1)))	US-PGPUB; USPAT	OR	ON	2011/06/16 11:08
S113	12254	((perfusion with index ) quality (intensity near3 (pulse adj wave\$1))) with pulse	US-PGPUB; USPAT	OR	ON	2011/06/16 11:08
S114	9064	((perfusion with index ) quality (intensity near3 (pulse adj wave\$1))) with pulse and frequenc\$4	US-PGPUB; USPAT	OR	ON	2011/06/16 11:09
S115	3719	((perfusion with index ) quality (intensity near3 (pulse adj wave\$1))) with pulse and frequenc\$4 and intensity	US-PGPUB; USPAT	OR	ON	2011/06/16 11:09
S116	2362	((perfusion with index ) quality (intensity near3 (pulse adj wave\$1))) with pulse and frequenc\$4 and intensity and ( evaluation\$1 evaluat\$4 judge\$2 judgment \$1 setting\$1)	US-PGPUB; USPAT	OR	ON	2011/06/16 11:10

S117	1050	((perfusion with index ) quality (intensity near3 (pulse adj wave\$1))) with pulse and frequenc\$4 and intensity and ( evaluation\$1 evaluat\$4 judge\$2 judgment \$1 setting\$1) and (quality with signal\$1)	US-PGPUB; USPAT	OR	ON	2011/06/16 11:10
S118	142	((perfusion with index ) quality (intensity near3 (pulse adj wave\$1))) with pulse and frequenc\$4 and intensity and ( evaluation\$1 evaluat\$4 judge\$2 judgment \$1 setting\$1) and (quality adj signal\$1)	US-PGPUB; USPAT	OR	ON	2011/06/16 11:10
S119	11	("600"/\$).cls. and (pulse adj wave ) with intensity and ((perfusion adj index) (signal\$1 adj quality) (( set \$6 placement\$1) with (evalut\$6 judg\$6)) )	US-PGPUB; USPAT	OR	ON	2011/06/16 11:17
S120	16	(pulse adj wave ) with intensity and ((perfusion adj index) (signal\$1 adj quality) (( set\$6 placement\$1) with (evalut\$6 judg\$6)) )	US-PGPUB; USPAT	OR	ON	2011/06/16 11:26
S121	13	(perfusion adj index) with intensit\$4	US-PGPUB; USPAT	OR	ON	2011/06/16 12:11
S122	2	("2008/0091093").URPN.	USPAT	OR	OFF	2011/06/16 12:18
S123	67	("4109643"   "4167331"   "4867165"   "4869253"   "5203342"   "5386827"   "5503148").PN. OR ("5766127").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/16 12:27
S124	1	"7471969".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/16 16:54
S125	13934	hitachi.in. yamashita.in. maki.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/16 16:55
S126	3417	hitachi.in. (yuichi with yamashita.in.) maki.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/16 16:58
S127	36199	hitachi.in. (yuichi with yamashita.in.) (atsushi maki.in.)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/16 16:58
S128	126	hitachi.in. (yuichi with yamashita.in.) (atsushi with maki.in.)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/16 16:59
S129	36	S128 and pulse	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/16 16:59
S130	5	S128 and pulse and oximet \$5	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/16 16:59

S131	2	S128 and pulse same oximet\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/16 17:00
S132	36	S128 and pulse	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/16 17:02
S133	1	"5411023".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/16 17:04
S134	39	measurement with channels and head and pulse with oximet\$6	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/16 17:18
S135	1	EP-0,135,840, EP-0,575,737 and EP-0,509,310	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/16 17:27
S136	0	PCTGB0405358	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/16 17:28
S137	0	GB0405358	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/16 17:28
S138	0	GB0405358	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/16 17:28
S139	0	PCTGB0405358	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/16 17:28
S140	1	EP03258132	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/16 17:35
S141	1754	measurement\$1 and head and pulse with oximet\$6	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/16 17:37
S142	240	measurement\$1 with head and pulse with oximet\$6	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/16 17:38
S143	137	measurement\$1 with head and pulse with oximet\$6 and fiber\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/16 17:38
S144	2	"20040171919"	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/16 17:39
S145	0	"20040171919" and pulse\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/16 17:39
S146	0	"20040171919" and puls\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/16 17:40
S147	1	"7471969".pn.	US-PGPUB; USPAT	OR	ON	2011/06/18 14:44
S148	1	"20040158134".pn.	US-PGPUB; USPAT	OR	ON	2011/06/18 14:45

S149	1	"6611698".pn.	US-PGPUB; USPAT	OR	ON	2011/06/18 14:46
S150	20	("4281645"   "4586513"   "5566673"   "5678556"   "5710630"   "5747793").PN. OR ("6611698").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/18 14:47
S151	3	"7286870"	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/18 15:18
S152	1	"7286870".pn. and pulse\$1 and hemoglobin\$1 and fiber \$1	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/18 15:19
S153	32	("4170987"   "4223680"   "4281645"   "4515165"   "4736751"   "5088493"   "5090415"   "5122974"   "5137355"   "5198977"   "5215095"   "5291888"   "5321265"   "5396571"   "5419320"   "5438989"   "5465718"   "5517987"   "5551422"   "5566673"   "5586554"   "5678556"   "5772597"   "5803909"   "5954053"   "6128517"   "6196226"   "6210346"   "6233480"   "6282438"   "6542763"   "6611698").PN. OR ("7286870").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/18 15:21
S154	15505	pulse\$1 adj wave\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/18 15:34
S155	239	pulse\$1 adj wave\$1 and hemoglobin\$1 and fiber\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/18 15:34
S156	228	pulse\$1 adj wave\$1 and hemoglobin\$1 and fiber\$1 and (measurements channels head brain)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/18 15:35
S157	231	pulse\$1 adj wave\$1 and hemoglobin\$1 and fiber\$1 and (measurements channels head brain heart)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/18 15:35
S158	153	pulse\$1 adj wave\$1 and hemoglobin\$1 and fiber\$1 and (measurements channels head brain heart) and oximet\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/18 15:36
S159	102	pulse\$1 adj wave\$1 and hemoglobin\$1 and fiber\$1 and (measurements channels head brain heart) and oximet\$4 and fibers	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/18 15:38
S160	45	"5411023"	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/18 15:47
S161	6	"5411023".pn. pulse and oximet	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/18 15:47

S162	1976	"5411023".pn. pulse and oximet\$4 and fiber	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/18 15:47
S163	1	"5411023".pn. and pulse and oximet\$4 and fiber	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/18 15:47
S164	6745	pulse adj oximet\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/18 15:50
S165	993	pulse adj oximet\$4 and fibers	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/18 15:50
S166	42	pulse adj oximet\$4 and fibers and (fibers with head)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/18 15:50
S167	19	pulse adj oximet\$4 with fibers	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/18 16:05
S168	39	pulse adj oximet\$4 same fibers	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/18 16:11
S169	1	"20040158134".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/18 16:27
S170	87797	((pulse adj oximet\$4) (heart rate\$1)) same (fibers guides)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/18 16:30
S171	26577	((pulse adj oximet\$4) (heart rate\$1)) with (fibers guides)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/18 16:30
S172	822	((pulse adj oximet\$4) (heart rate\$1)) adj (fibers guides)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/18 16:30
S173	3	((pulse adj oximet\$4) (heart rate\$1)) adj (fibers guides) and ("600"/\$).ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/18 16:55
S174	828	((pulse adj oximet\$4) (heart rate\$1)) with (fibers guides) and ("600"/\$).ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/18 16:55
S175	569	((pulse adj oximet\$4) (heart rate\$1)) with (fibers guides) and ("600"/\$).ccls. and adjacent	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/18 17:02
S176	6	((pulse adj oximet\$4)) with (fibers guides) and ("600"/\$).ccls. and adjacent	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/18 17:03
S177	8	((pulse adj oximet\$4)) with (fibers guides) and ("600"/\$).ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/18 17:06
S178	0	("2010/0249557").URPN.	USPAT	OR	OFF	2011/06/18 17:06
S179	19	((pulse adj oximet\$4)) with (fibers guides)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/18 17:07
S180	27	((pulse adj oximet\$4) ) same (fibers guides) and ("600"/\$).ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/18 17:07
S181	59	("4770179").PN. OR ("5786592").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/18 17:09
S182	1	"10580533" and frequency and filter	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/18 18:40

S183	1	"5518497".pn. and sleep and process\$4	US-PGPUB; USPAT	OR	ON	2011/06/20 08:02
S184	1	"5895360".pn. and sleep and process\$4	US-PGPUB; USPAT	OR	ON	2011/06/20 08:05

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2671	(frequenc\$4 and center and pulse).clm.	USPAT; UPAD	OR	OFF	2011/12/02 13:58
L2	223	(frequenc\$4 and center and pulse and intensity).clm.	USPAT; UPAD	OR	OFF	2011/12/02 13:59

**12/2/2011 2:14:16 PM****C:\ Documents and Settings\ mfardanesh\ Desktop\ EASt\ 10580533.wsp**